

portable weld checker

MM-380A

- Measures current, voltage and force
- Weld-through sensor
- Easy screen-menu navigation
- Intuitive waveform and data analysis
- Printer and RS232 output



Measure current, voltage and force

Understand, optimize and benchmark your process and equipment

Weld through sensor

Measure force, current and voltage simultaneously at the electrodes

Easy screen navigation

Scroll through and select menus with rotary dial

Waveform and data analysis

Precise graphical displays of waveform time and amplitude

Printer option

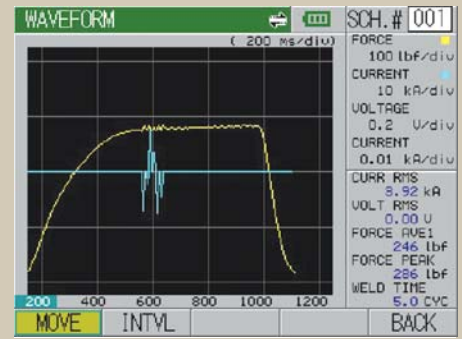
Instant screen prints and waveforms

RS232 output

Color screen capture and data collection through COM port



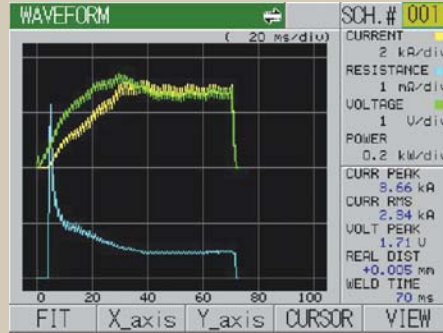
Drop-down Menu Navigation



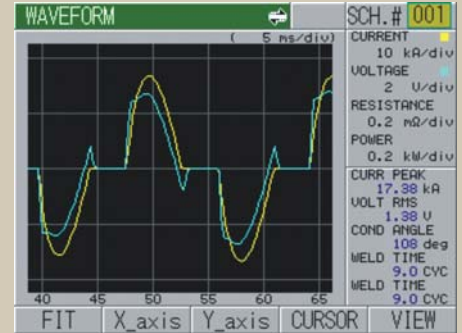
Force and Current Timing

DATE	TIME	SCH	CURRENT (RMS)
~ 06/15	16:28:54	001	10.00 kA
~ 06/15	16:28:46	001	10.03 kA
~ 06/15	16:28:39	001	9.94 kA
~ 06/15	16:28:33	001	10.13 kA
06/15	16:28:27	001	9.82 kA
06/15	16:28:22	001	9.69 kA
06/15	16:28:16	001	8.70 kA
06/15	16:28:10	001	8.22 kA
06/15	16:26:50	001	7.93 kA

Weld History



Current, Voltage and Resistance



Zoom of Current and Voltage

ACCESSORIES



Printer



Coils

SPECIFICATIONS

Current Range	0.010 to 200.0kA
Force Range, (MM-370A-00-01 Only)	MA-770A-01: 55 to 1102 lbf, (25 to 500 kgf) MA-771A-01: 110 to 2204 lbf, (50 to 1000 kgf); MA-520: 1.10 to 22.04 lbf, (0.50 to 10.00 kgf) MA-521: 11.0 to 220.4 lbf, (5.0 to 100.0 kgf); MA-522: 110 to 2204 lbf, (50 to 1000 kgf)
Voltage Range	0.30 to 20.0 Volts
Current Measurement Time	AC Current, Cycles: 0.5 to 600.0 Cycles at 60 Hz ; AC Current, ms: 1 to 2000 ms DC Current, Cycles: 0.5 to 120.0 Cycles at 60 Hz; DC Current, ms: 1 to 2000 ms
Force Measurement Time	1 to 6000 ms
Measurement Mode for Voltage and Current	Arithmetic Mean RMS or Maximum, (Peak)
Data Output	RS-232 and Optional External Printer
Number of Schedules	127
Dimensions Inches (mm) H x W x D	9.9 x 5.5 x 2.2 (252 x 140 x 56) Excluding Protrusions
Weight Lbs (kg)	2 (0.9)
Power Requirements, (AC Adapter)	100 - 240 VAC, 50/60Hz
Battery Operation Time	Approximately 2 Hours with 1 battery, 4 Hours with 2 batteries. 1 battery included.

Your Local Representative



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Specifications subject to change without notice.
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